ABSTRACT OF THE DISCLOSURE

A process for stabilizing organosilicon compounds bearing unsaturated groups during their preparation, distillation, and/or storage, the organosilicon compounds bearing unsaturated groups having been obtained by reacting a haloalkylsilane with a salt of an unsaturated organic acid, by adding one or more compounds of the formula I

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wherein R^1 and R^2 are identical or different linear or branched C_{1-20} alkyl, and the radicals R^3 are identical or different and are hydrogen or linear or branched alkyl radicals having 1-20 carbon atoms.